

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

Attorney's Docket No.  
07917-105001Application No.  
09/689,992Applicant  
Mello et al.Filing Date  
October 13, 2000Group Art Unit  
1637**U.S. Patent Documents**

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TS	AA	4,469,863	09/1984	Ts'o et al.			
	AB	4,511,713	04/1985	Miller et al.			
	AC	5,034,323	07/1991	Jorgensen et al.			
	AD	5,107,065	04/1992	Shewmaker			
	AE	5,190,931	03/1993	Inouye			
	AF	5,208,149	05/1993	Inouye			
	AG	5,258,369	11/1993	Carter			
	AH	5,272,065	12/1993	Inouye			
	AI	5,365,015	11/1994	Grierson et al.			
	AJ	5,453,566	09/1995	Shewmaker			
	AK	5,738,985	04/1998	Miles			
	AL	5,795,715	08/1998	Livache			
	AM	5,874,555	02/1999	Dervan			
	AN	6,010,908	01/2000	Gruenert et al.			
TS	AO	6,136,601	10/2000	Meyer, Jr. et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
TS	AP	WO 00/01846	01/2000	PCT				
	AQ	WO 00/63364	10/2000	WIPO				
	AR	WO 99/32619	07/1999	WIPO				
	AS	WO 99/53050	10/1999	WIPO				
TS	AT	WO 99/61631	12/1999	PCT				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
TS	AU	Baker et al., <i>Current Biology</i> , 10:1071-1074 (2000).

Examiner Signature

Teresa Stneledea

Date Considered

2/21/02

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07917-105001Application No.  
09/689,992Information Disclosure Statement  
by Applicant

Use several sheets if necessary)

Applicant  
Mello et al.Filing Date  
October 13, 2000

Group Art Unit

1637

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
TS	AV	Bass, <i>Cell</i> , 101:235-238 (2000).
	AW	Bastin et al., <i>J Cell Science</i> 113:3321-332 (2000).
	AX	Baulcombe et al., <i>Science</i> 290:1108-1109 (2000).
	AY	Baulombe, <i>Curr. Biol.</i> 9:R599-R601 (1999)
	AZ	Baum et al., <i>Biochem Biophys Res Comm</i> 114:41-49 (1983).
	BA	Bhat et al., <i>Cell</i> 96:833-845 (1999).
	BB	Bosher et al., <i>Nature Cell Biology</i> 2:E31-E36 (2000).
	BC	Bosher et al., <i>Genetics</i> 153:1245-1256 (1999).
	BD	Caplen et al., <i>Gene</i> 252:95-105 (2000).
	BE	Catalanotto et al., <i>Nature</i> 404:245 (2000).
	BF	Chuang et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:4985-4990 (2000).
	BG	Colussi et al., <i>J Cell Biology</i> 148:703-714 (2000).
	BH	Denef et al., <i>Cell</i> 102:521-531 (2000).
	BI	Dolnick, <i>Pharmacol Ther</i> 75:179-184 (1997).
	BJ	Domeier et al., <i>Science</i> 289:1928-1930 (2000).
	BK	Driver et al., <i>Nature Biotechnology</i> 17:1184-1187 (1999).
	BL	Fagard et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:11650-11654 (2000).
	BM	Fraser et al., <i>Nature</i> 408:325-330 (2000).
	BN	Fire et al., <i>Trends Genet.</i> 15:358-363 (1999).
	BO	Fire et al., <i>Development</i> 113:503-514 (1991).
	BP	Fire, A et al., <i>Worm Breeder's Gazette</i> 15(3):8 (1998).
	BQ	Fire, A et al., <i>Nature</i> 391:806-11 (1998).
	BS	Fortier et al., <i>Genesis</i> 26:240-244 (2000).
	BT	Grieson, D. et al., <i>Trends in Biotechnology</i> 9:122-123 (1991).
	BU	Grishok et al., <i>Science</i> 287:2494-2497 (2000).
	BV	Guo, S. and Kempfues, K. <i>Cell</i> 81:611-620 (1995).
	BW	Hammond et al., <i>Nature</i> 404:293-296 (2000).
TS	BX	Harbinder et al., <i>Proc Natl Acad Sci USA</i> 94:13128-131133 (1997).

Examiner Signature

Teresa Stnelechia

Date Considered

02/21/02

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.99(b))

Attorney's Docket No.  
07917-105001Application No.  
09/689,992Applicant  
Mello et al.Filing Date  
October 13, 2000

Group Art Unit

1637

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
TS	BY	Harcourt et al., <i>Virology</i> 252:179-188 (1998).
	CA	Harfe, B et al., <i>Genes and Development</i> 12:2623-2635 (1998).
	CB	Hill et al., <i>Genetics</i> 155:1139-1148 (2000).
	CC	Hsieh et al., <i>Genes &amp; Development</i> 13:2958-2970 (2000).
	CD	Huang et al., <i>Neuron</i> 25:57-67 (2000).
	CE	Hughes et al., <i>Development</i> 127:3683-3694 (2000).
	CF	Hunter <i>Current Biology</i> 10:R137-R140 (2000).
	CG	Hunter <i>Current Biology</i> 9:R440-R442 (1999).
	CH	Jacobs et al., <i>Virology</i> 219:339-349 (1996).
	CI	Jorgensen, R.A. et al., <i>Science</i> 279:1486-1487 (1998).
	CJ	Jorgensen, R.A. et al., <i>Trends in Genetics</i> 15:11-12 (1999).
	CK	Kelly et al., <i>Development</i> 125:2451-2456 (1998).
	CL	Kennerdell et al., <i>Nature Biotechnology</i> 17: 896-898 (2000).
	CM	Kennerdell et al., <i>Cell</i> 95:1017-1026 (1998).
	CN	Ketting et al., <i>Cell</i> 99:133-141, (1999).
	CO	Ketting and Plasterk, <i>Nature</i> 404:296-298 (2000).
	CP	Kim et al., <i>Science</i> 288:150-154 (2000).
	CQ	Klafl et al., <i>Plant Mol Biol</i> 32:89-106 (1996).
	CR	Kostich et al., <i>J Cell Science</i> 113:2595-2606 (2000).
	CS	Kumar and Carmichael, <i>Microbiol Mol Biol Rev</i> 62:1415-1434 (1988).
	CT	Lam et al., <i>Current Biology</i> 10:957-963 (2000).
	CU	Lewis et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:4504-4509 (2000).
	CV	Li et al., <i>Development Biology</i> 217:394-405 (2000).
	CW	Liu et al., <i>Development</i> 127:5179-5190 (2000).
	CX	Liu et al., <i>Molecular Biology Cell</i> 11:3937-3947 (2000).
TS	CY	Lohmann et al., <i>Developmental Biology</i> 214:211-214 (1999).

Examiner Signature

Teresa Stnelecia

Date Considered

2/21/02

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
07917-105001Application No.  
09/689,992Information Disclosure Statement  
by Applicant

(Use several sheets if necessary)

Applicant  
Mello et al.Filing Date  
October 13, 2000Group Art Unit  
1637

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
T.S.	CZ	Maine, <i>Genome Biology</i> 1:1018.1-1018.4 (2000).
	DA	Marx <i>Science</i> 288:1370-1372 (2000).
	DB	Matzke et al., <i>Plant Physiology</i> 107:679-685 (1995).
	DC	Mello et al., <i>EMBO J.</i> 10:3959 (1991).
	DD	Mello et al., <i>Methods in Cell Biol.</i> 48:451-482 (1995).
	DE	Metzlaff, M., et al., <i>Cell</i> 88:845-854 (1997).
	DF	Mette et al., <i>EMBO Journal</i> 19:5194-5201 (2000).
	DG	Melendez et al., <i>Genetics</i> 155:1127-1137 (2000).
	DH	Misquitta, et al., <i>Proc. Natl. Acad. Sci. USA</i> 96:1451-1456 (1999).
	DI	Montgomery M K et al., <i>Trends In Genetics</i> 14:255-258 (1998).
	DJ	Montgomery, M.K. et al., <i>Proc. Natl. Acad. Sci. USA</i> 95:15502-15507 (1998).
	DK	Nakano et al., <i>Biochemical Biophysical Research Communications</i> 274:434-439 (2000).
	DL	Nellen, W., and Lichtenstein, C. <i>Trends in Biochemical Sciences</i> 18:419-423 (1993).
	DM	Ngo, H. et al., <i>Proc. Natl. Acad. Sci. USA</i> 95: 14687-14692 (1998).
	DN	Oates et al., <i>Developmental Biology</i> 224:20-28 (2000).
	DO	Oelgeschlager et al., <i>Nature</i> 405:757-763 (2000).
	DP	Parrish et al., <i>Molecular Cell</i> 6:1077-1087 (2000).
	DQ	Pichler et al., <i>Development</i> 127:2063-2073 (2000).
	DR	Pineda et al., <i>PNAS</i> 97:4525-4529 (2000).
	DS	Plasterk et al., <i>Curr Opinion Genetics and Development</i> 10:562-567 (2000).
	DT	Pratt et al., <i>Nucl Acids Res</i> 16:3497-3510 (1998).
	DU	Proud, C.G. <i>Trends in Biochemical Sciences</i> 20:241-246 (1995).
	DV	Ratcliff F. et al., <i>Science</i> 276:1558-1560 (1997).
	DX	Rocheleau <i>Cell</i> 90:707 (1997)
	DY	Sanchez-Alvarado et al., <i>Proc. Nat. Acad. Sci. USA</i> 96:5049-5054 (1999).
	DZ	Sawa et al., <i>Molecular Cell</i> 6:617-624 (2000).
T.S.	EA	Seydoux, G., et al., <i>Nature</i> 382:713-716 (1996).

Examiner Signature

Teresa Stnelecia

Date Considered

2/21/02

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement  
by Applicant

(use several sheets if necessary)

(37 CFR §1.98(b))

MAY 29 2001

Attorney's Docket No.  
07917-105001Application No.  
09/689,992Applicant  
Mello et al.Filing Date  
October 13, 2000

Group Art Unit

1637

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
TS	EA	Sharp et al., <i>Science</i> 287:2431-2433 (2000).
	EB	Sharp, P.A. <i>Genes and Development</i> 13:139-141 (1999).
	EC	Shi et al., <i>RNA</i> 6:1069-1076 (2000).
	ED	Shippy et al., <i>Genetics</i> 155:721-731 (2000).
	EE	Stam, M., et al., <i>Annals of Botany</i> 79:3-12 (1997).
	EF	Stauber et al., <i>Proc. Nat. Acad. Sci. USA</i> 97:10844-10849 (2000).
	EG	Suzuki et al., <i>Proc Natl Acad Sci USA</i> 96:2285-2290 (1999).
	EH	Svoboda et al., <i>Development</i> 127:4147-4156 (2000).
	EI	Tabara et al., <i>Cell</i> 99:123-132 (1999).
	EJ	Tabara, H., et al., <i>Science</i> 282:430-431 (1998).
	EK	Tabara et al., <i>Development</i> 126:1 (1999).
	EL	Tavernarakis et al., <i>Nature Genetics</i> 24:180-183 (2000).
	EM	Thompson, <i>Nature Biotechnology</i> 17:1158-1159 (1999).
	EO	Timmons et al., <i>Nature</i> 395:854 (1998).
	EP	Tuschi et al., <i>Genes Dev</i> , 13:3191-3197 (1999).
	EQ	Ui-Tei et al., <i>FEBS Letters</i> 479:79-82 (2000).
	ER	Wagner et al., <i>Nature</i> 391:744-745 (1998).
	ES	Wang et al., <i>J Biological Chemistry</i> 276:315-319 (2001).
	ET	Wargelius et al., <i>Biochem Biophys Res Comm</i> 263:156-161 (1999).
	EU	Wianny et al., <i>Nature Cell Biology</i> 2:70-75 (2000).
	EV	Waterhouse, et al., <i>Proc. Natl. Acad. Sci. USA</i> 95:13959-13964 (1998).
	EW	Waterston et al., <i>Nature Genetics</i> 1:114-123 (1992).
	EX	Willert et al., <i>Development</i> 126:4165-4173 (1999).
	EY	Wilson et al., <i>Nature</i> 368:32-38 (1994).
	EZ	Wu-Scharf et al., <i>Science</i> 290:1159-1162 (2000).
	FA	Yang et al., <i>Current Biology</i> 10:1191-1200 (2000).
TS	FB	Zamore et al., <i>Cell</i> 101:25-33 (2000).

Examiner Signature

Terera Stneledea

Date Considered

02/21/02

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.